



Material Grade (Classification)	Proposed Application	SMC Series Number	BMC Series Number
General Purpose	General purpose composite materials with a wide range of applications. Suitable applications are typically structural in nature with no flammability requirements.	S10	B10
Heat and Corrosion Resistant	Composite materials intended for use in sanitary, cookware, appliance and indirect food contact applications.	S20	B20
Low Shrink Materials	Low shrink composite materials. Well suited for applications requiring shrink <0.1%.	S30	B30
Low Profile, Zero Shrink	Intended for use in automotive or transportation body panels that require painting. These composite materials exhibit a zero or near zero shrink characteristic.	S31	
Low Smoke & Flame Spread	These materials provide low smoke generation and flame spread in accordance with ASTM E162, E662 and E84 standards.	S42	
UV Stable	These materials are suitable for use in applications requiring superior colorfastness & physical property retention upon exposure to UV and visible light.	S51	B51
Low Smoke & Flame Spread	These materials provide low smoke generation and flame spread in accordance with ASTM E162 and E662 standards.	S52	
Low Density, Paintable	Provides a Class A surface suitable for painting. This material will also withstand the high temperatures associated with the painting process.	S80	
Corrosion Resistant	These composites are typically unsaturated polyester or epoxy vinyl ester materials formulated to meet the strict performance requirements of pumps, pipe flanges & underground applications that are impacted by corrosive environments..	S90	B90
Dielectric & Flame Resistant	Electrical applications requiring a composite material that possesses a UL Yellow card and flammability performance from UL94 HB, V-0 & 5VA. These materials can be found in Underwriters Laboratory file E53587.	E200 Series	40 Series
Electrical Insulators & Flame Resistant	These high strength BMC composites are suitable for use in electrical applications requiring materials that possesses dielectric properties and flammability performance from UL94 HB, V-0 & 5VA. These materials can be found in Underwriters Laboratory file E53587.		3000 Series 6000 Series
Flame Resistant & Low Smoke Generation	This composite is certified as a low smoke toxicity material with a UL94 V-0 flame rating. It's physical characteristics have been certified to meet several US Municipal Transit Authority specifications.	46-16-60	

www.idicomposites.com

The Americas

Noblesville, IN
sales-usa@idicomposites.com

Europe

Vineuil, France
sales-europe@idicomposites.com

United Kingdom

Oldbury, UK
sales-uk@idicomposites.com

Asia/Pacific

Shanghai, China
sales-asia@idicomposites.com

Caribbean & South America

Aguirre, Puerto Rico
sales-caribe@idicomposites.com